

### ABSTRACT OF THE DISCLOSURE

An injector for injecting fuel under high pressure into a combustion chamber of an internal combustion engine has an injector housing, an inlet connectable with a high pressure collecting chamber, a valve body for controlling the inlet from the high pressure collecting chamber and movably received in the housing, a nozzle chamber provided in the housing, a nozzle needle which due to pressure changes in the nozzle chamber can open or close, a sealing spring which biases the nozzle needle, the nozzle needle being provided with pressure stages which are loadable by a hydraulic spring and a pressure acting in the inlet from the high pressure collecting chamber.

Patent Office